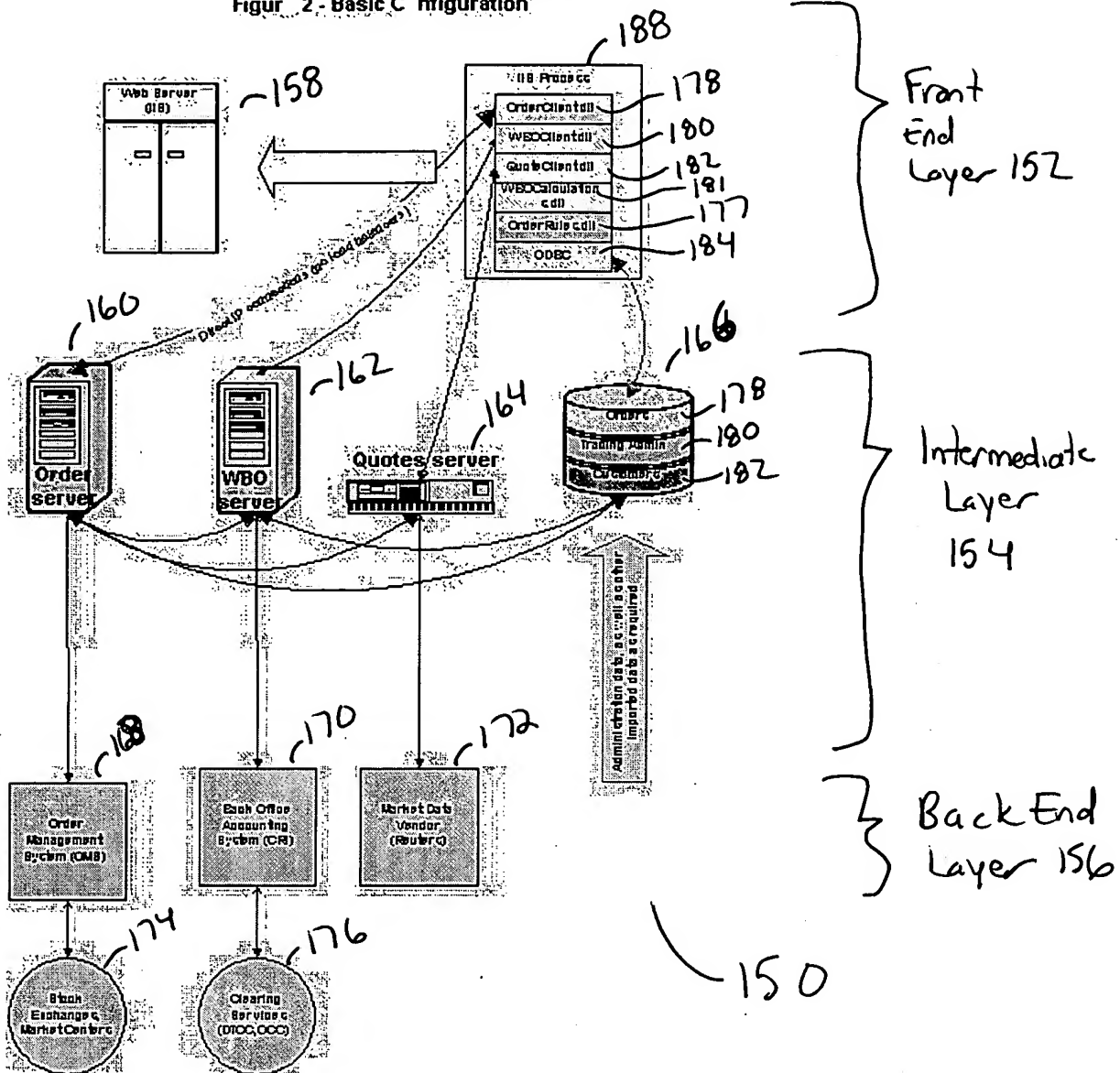


**Figure 1**  
**PRIOR ART**

2/39

Figure 2 - Basic Configuration



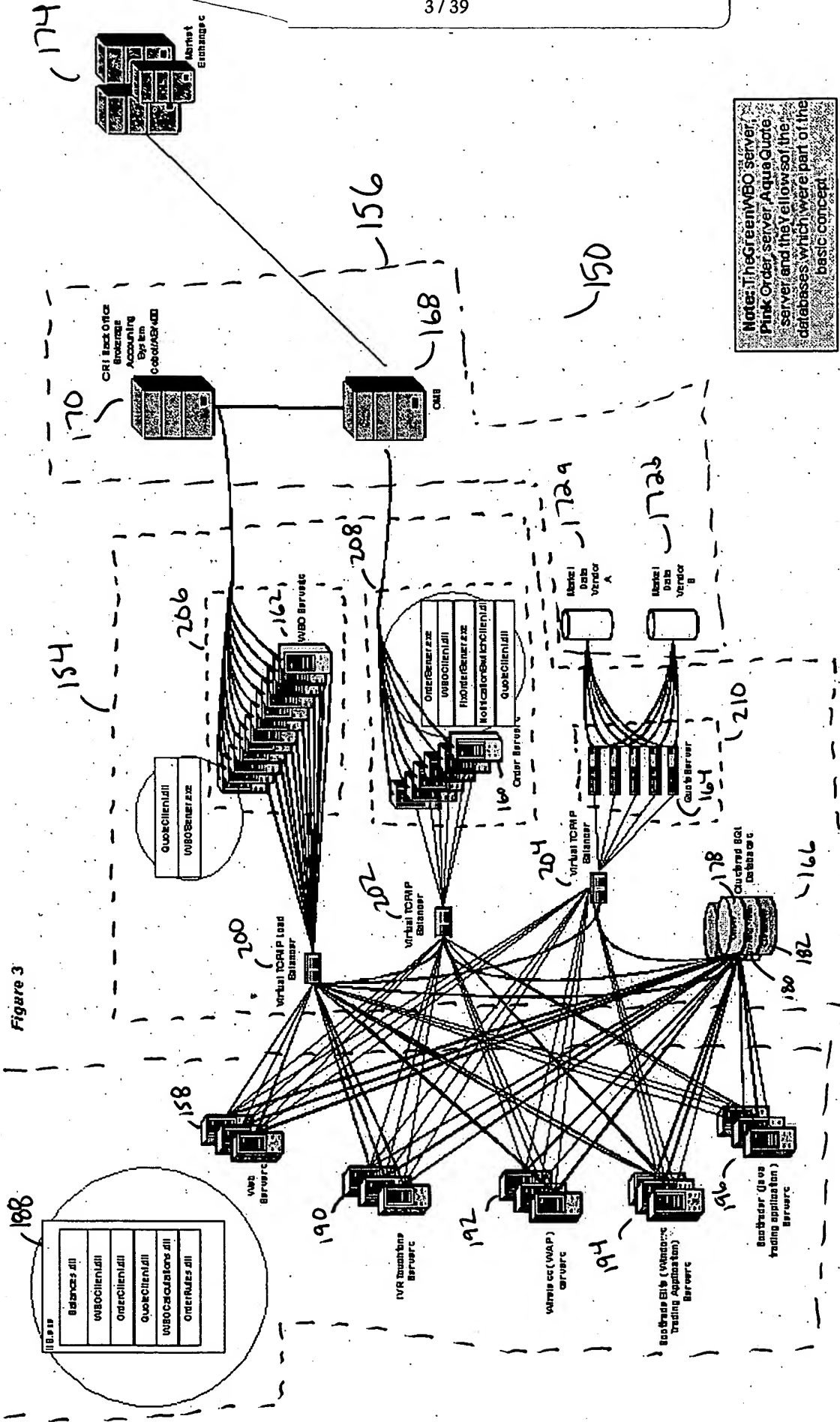


Figure 3

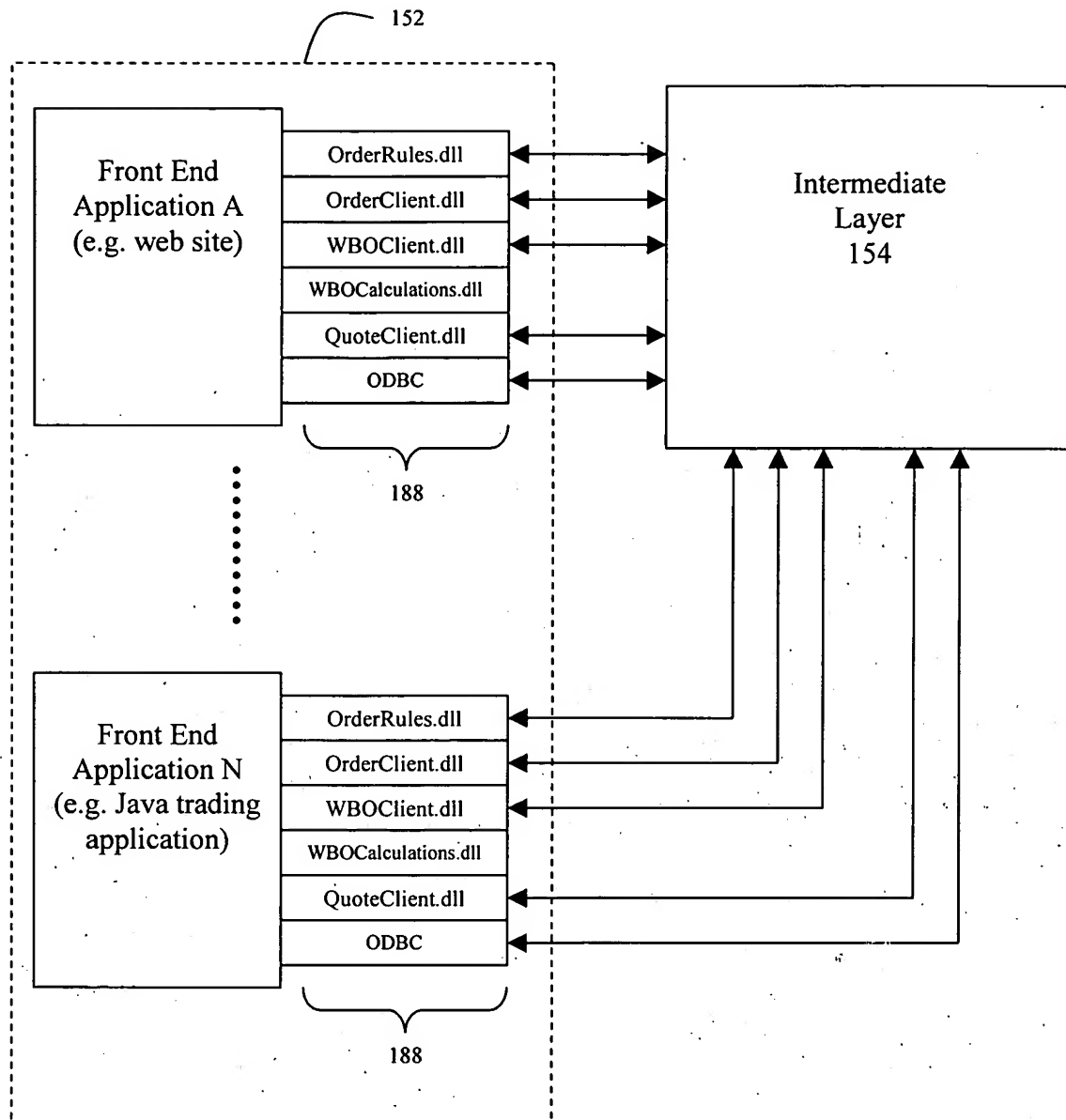


Figure 4

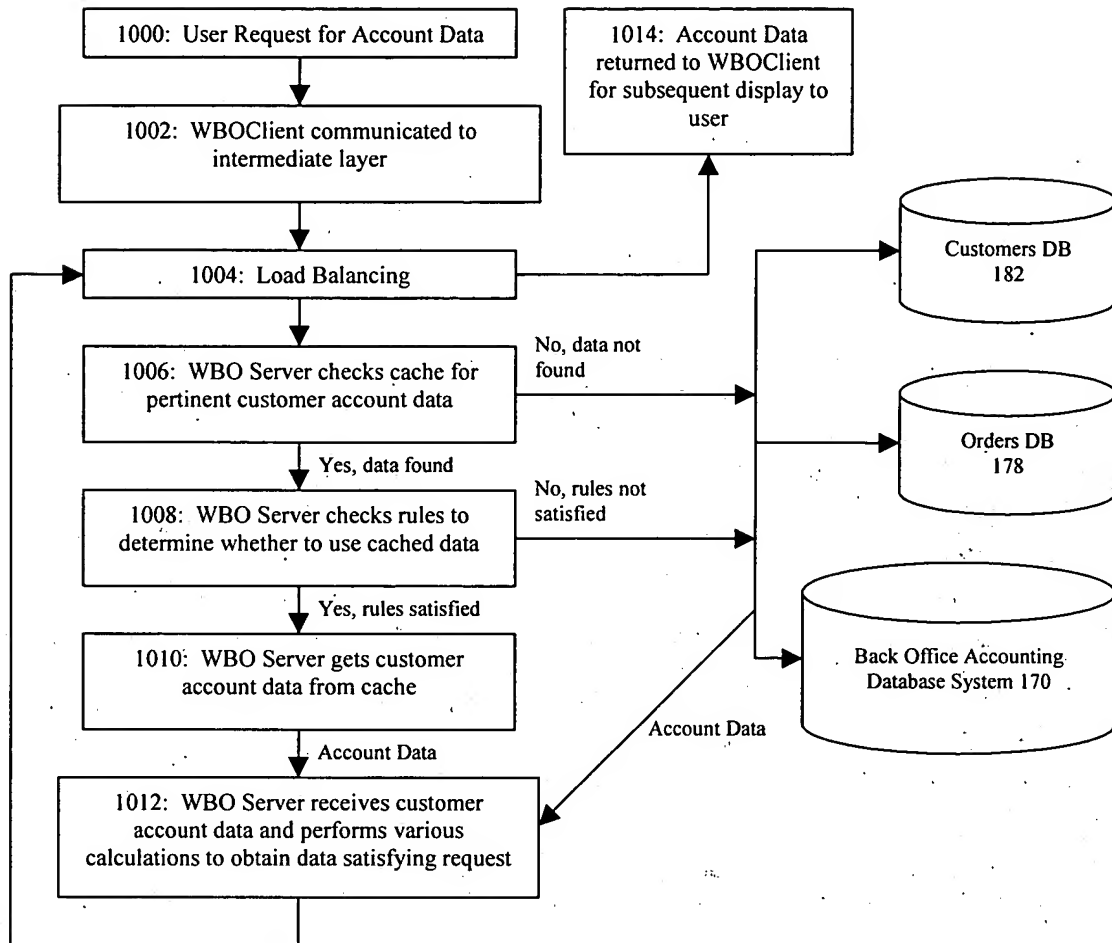
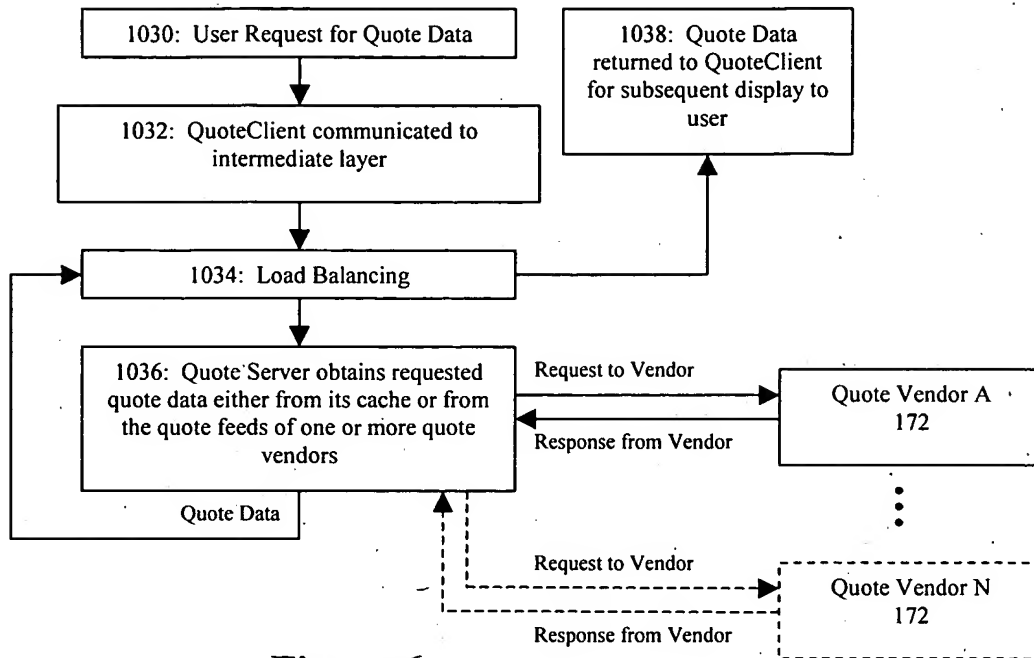


Figure 5



**Figure 6**

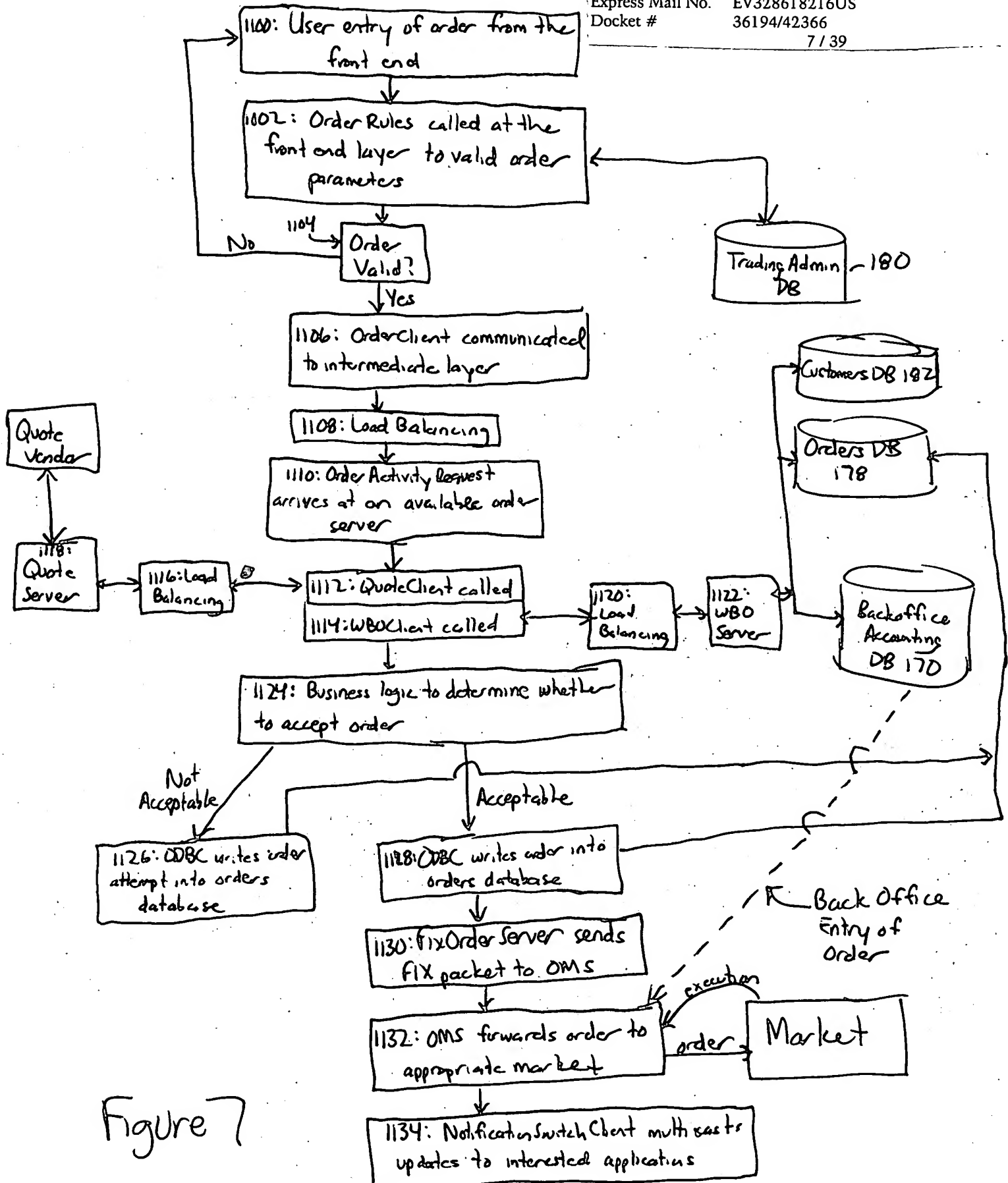


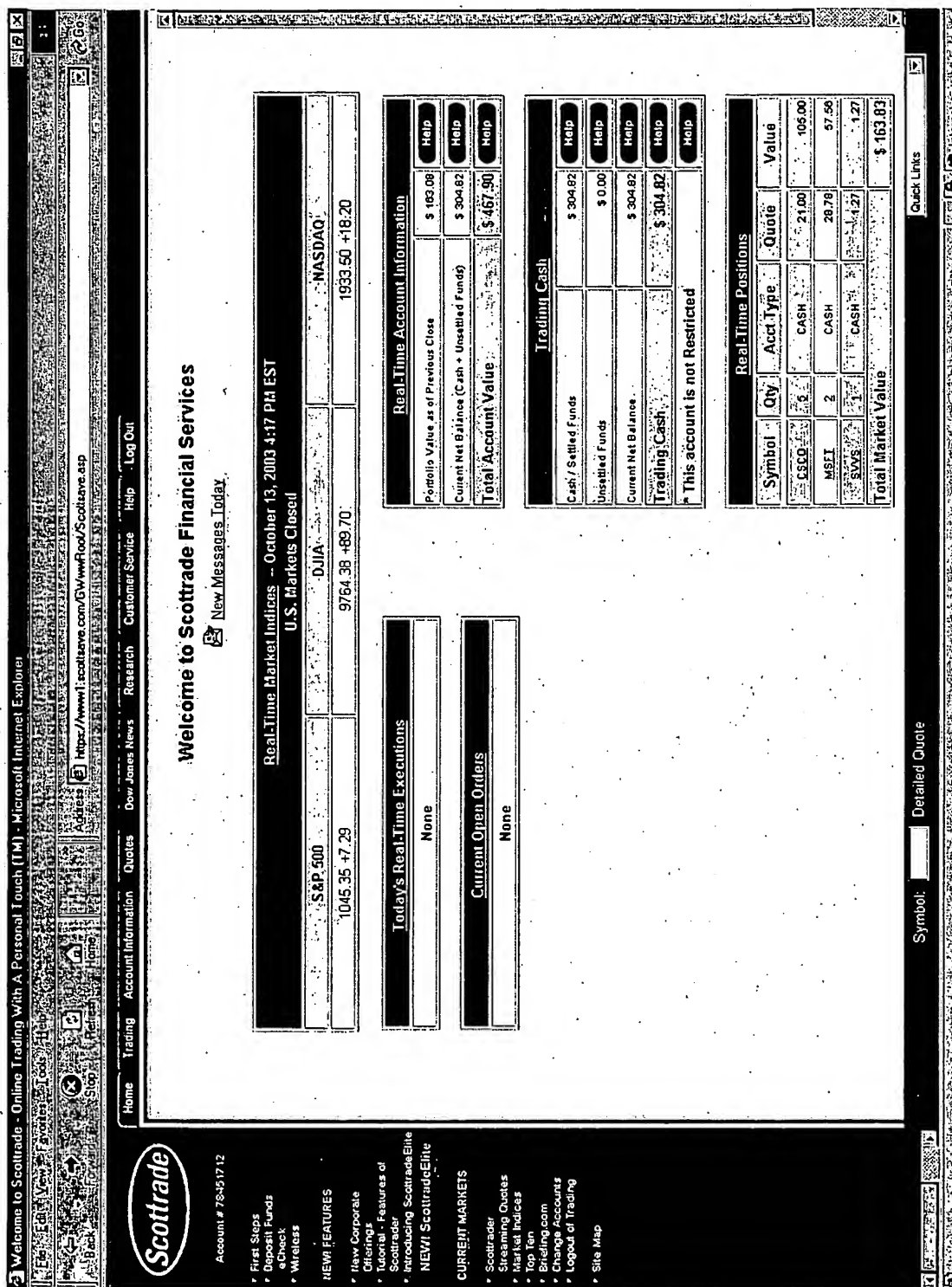
Figure 7

Title: System And Method For The Automated Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
 Express Mail No. EV328618216US  
 Docket # 36194/42366  
 8 / 39

Web  
 Custom  
 Interface

Figure 8(a)

10/14/2003



file:///C:/Documents%20and%20Settings/millerk/Local%20Settings/Temporary%20Internet%20Files/OLK6/WebSiteMainScreen.jpg



## Current Trade Balances

October 13, 2003		
Description	Value	Help
Portfolio Value as of Previous Close	\$ 163.08	Help
Current Net Balance	\$ 304.82	Help
Total Account Value	\$ 467.90	Help

Cash / Settled Funds	\$ 304.82	Help
----------------------	-----------	------

Today's Settled Funds	\$ 304.82	Help
***Unsettled Stock Sells	\$ 0.00	Help
***Unsettled Option Sells	\$ 0.00	Help
***Unsettled Other Sells	\$ 0.00	Help
***Unsettled Total Sells	\$ 0.00	Help
Unsettled Total Buys	\$ 0.00	Help
Current Net Balance	\$ 304.82	Help
Trading Cash		
Open Buy Orders	\$ 15.00	Help
***Trading Cash	\$ 288.82	Help
***Trading Cash for Fixed Income / Mutual Funds Purchases	\$ 288.82	Help

**Click the Helps for information on how you are able to use these funds for Buys.**

**Today's Trades** - You can see settlement dates for your trades today by clicking on Today's Real-Time Executions found on your Home page.

**Previous Trades** - You can see settlement dates for past trades by going to Account Information and then to your Trade History.

Symbol:

Detailed Quote

Title: System And Method For The Automated Brokerage Of Financial Instruments  
Inventor(s): Tully et al.  
Express Mail No. EV328618216US  
Docket # 36194/42366  
10 / 39

10/14/2003

Web  
Custom  
Interface  
figure 8(c)

Home

Trading

Account Information

Quotes

Research

Customer Service

Help

Log Out

Account # 78-151712

First Steps

Deposit Funds

Wireless

NEW FEATURES

New Corporate Offerings

Tutorials - Features of Scottrade

Introducing ScottradeElite

NEW! ScottradeElite

CURRENT MARKETS

Scottrade Streaming Quotes

May 1st Futures

Top Ten

Trading.com

Change Accounts

Logout of Trading

Site Map

Current Open Orders

MOD	CXL	Action	Qty	Symbol	Price	Acct Type	T.I.F.	Qualifiers	Order	Status	Session
MOD	CXL	SELL	2	MSFT	Limit: 40.00	CASH	DAY	None	XA24250031013	QUEUED	Regular
MOD	CXL	BUY		RTRS	Limit: 16.00	CASH	DAY	None	XAB736120031013	QUEUED	Regular

Help

Today's Real-Time Executions

None

Help

© Copyright 2000 Scottrade. All Rights Reserved.

Symbol:

Detailed Quote

Quick Links

Internet

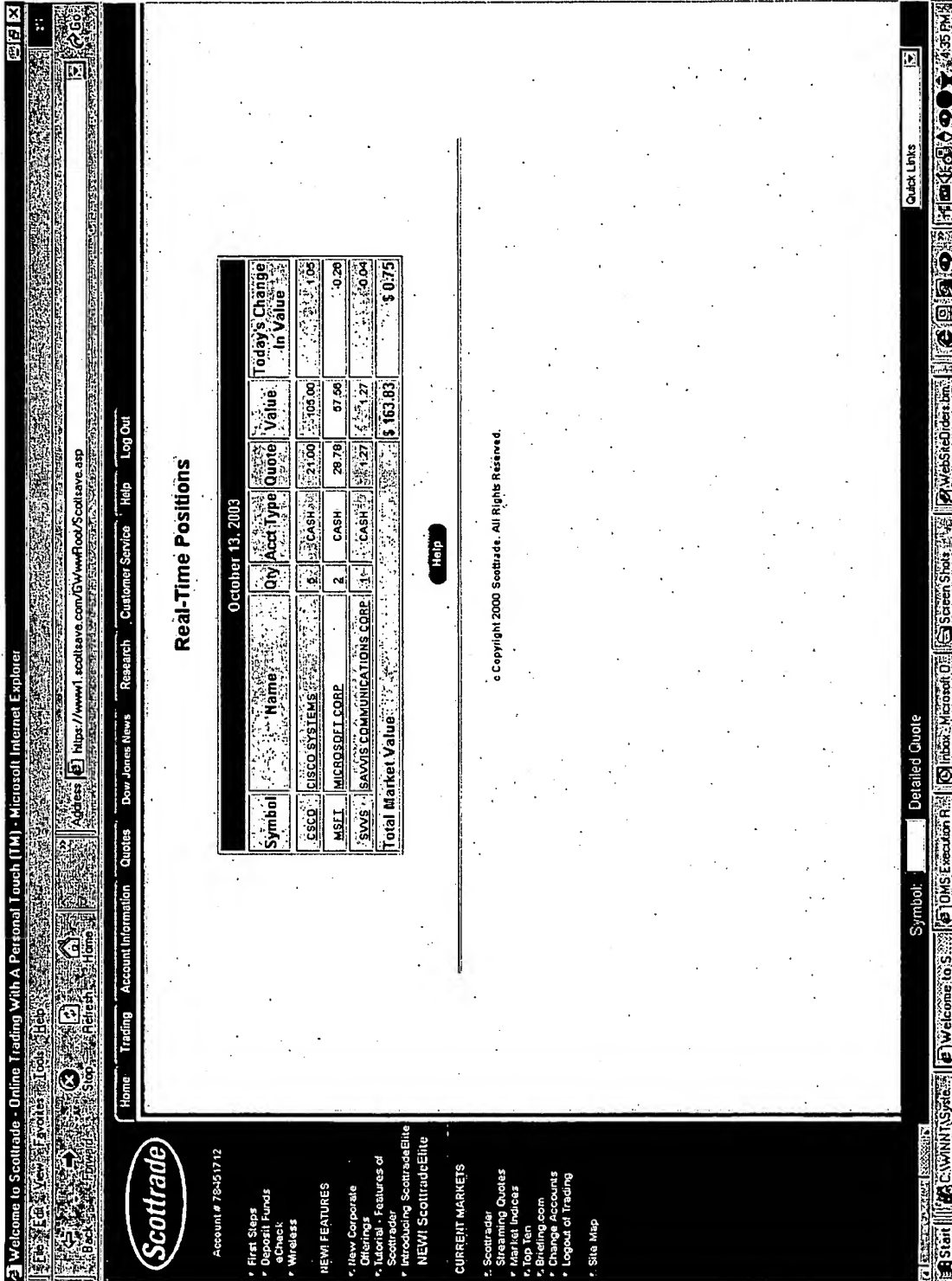
file:///C:/Documents%20and%20Settings/millerk/Local%20Settings/Temporary%20Internet%20Files/OLK6/WebsiteOrders.jpg

Title:	System And Method For The Automated Brokerage Of Financial Instruments
Inventor(s):	Tully et al.
Express Mail No.	EV328618216US
Docket #	36194/42366
	11 / 39

Web  
Custom  
Infoc

figure 8(p)

10/14/2003



file://C:\Documents%20and%20Settings\millerlk\Local%20Settings\Temporary%20Internet%20Files\OLK6\WebSitePositions.jpg

Title: System And Method For The Automated Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
 Express Mail No. EV328618216US  
 Docket # 36194/42366  
 12 / 39

Web  
 Capture  
 Interface

Figure 8(e)

10/14/2003

Welcome to Scottrade - Online Trading With A Personal Touch (TM) - Microsoft Internet Explorer

Address: <https://www1.scottrade.com/GW/Root/Scottrade.asp>

Home Trading Account Information Quotes Dow Jones News Research Customer Service Help Log Out

**Equity Order Entry**

Market Side:	Buy	Help
Quantity:	1	Help
Symbol:	GE	Help
Order Type:	Market	Help
Limit Price:		Help
Stop Price:		Help
Time In Force:	Day Order	Help
Qualifiers:	<input type="checkbox"/> All or None	Help
Trading Period:	Regular Hours	Help

Get Quote Confirm Abandon

e Copyright 2000 Scottrade. All Rights Reserved.

Symbol: Detailed Quote

Quick Links

Internet

Scottrade

Account # 78-51712

TRADES

- Equities
- Options
- Mutual Funds
- Fixed Income
- Open Orders & Executions

LOOKUP

- Equity
- Option Class
- Option Symbol
- Trading Help
- Touch Tone Guide
- Site Map

file://C:\Documents%20and%20Settings\millerik\Local%20Settings\Temporary%20Internet%20Files\OLK6\WebSiteTrading1.jpg

Title: System And Method For The Automated  
 Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
 Express Mail No. EV328618216US  
 Docket # 36194/42366  
 13 / 39

10/14/2003

Wb  
 Custom Interface

Figure 8(f)

Welcome to Scottrade - Online Trading With A Personal Touch (TM) - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://www1.scottrade.com/GV/wwRood/Scottrade.asp>

Back Forward Stop Reload Home

Home Trading Account Information Quotes Dow Jones News Research Customer Service Help Log Out

**Scottrade**

Account # 78451712

**TRADES**

- Equities
- Options
- Mutual Funds
- Fixed Income
- Open Orders & Executions

**LOOKUP**

- Equity
- Option Class
- Option Symbol
- Trading Help
- Touch Tone Guide
- Site Map

**Equity Order Entry**

Are you sure you want to submit this order?

Symbol	Last	Change	Bid	Ask	Size	High	Low	Volume	Market
GE	28.93	-0.39	28.92	28.94	347	29.97	28.65	29,536,300	NYSE

Market Side: Buy

Quantity: 1

Symbol: GE

Price: At the Market

Time in Force: Day Order

Estimated Commission: \$7.00

Trading Period: Regular Hours

Account Number: 78451712

Password:

Submit Edit Abandon Help

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Symbol:  Detailed Quote

Quick Links

Internet

file://C:/Documents%20and%20Settings/millerik/Local%20Settings/Temporary%20Internet%20Files/OLK6/WebsiteTrading2.jpg

Title: System And Method For The Automated Brokerage Of Financial Instruments  
Inventor(s): Tully et al.  
Express Mail No. EV328618216US  
Docket # 36194/42366  
14 / 39

Web  
Custom  
Interface

Figure 8(g)

10/14/2003

Welcome to Scottrade - Online Trading With A Personal Touch (TM) - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home

Address: https://www1.scottrade.com/GW/wwwFood/Scottrade.asp

Go

Home Trading Account Information Quotes Dow Jones News Research Customer Service Help Log Out

Scottrade

Account # 78451712

TRADES

Equities  
Options  
Mutual Funds  
Fixed Income  
Open Orders  
& Executions

LOOKUP

Equity  
Option Class  
Option Symbol  
Trading Help  
Touch Tone Guide  
Site Map

Symbol: Detailed Quote

Quick Links

Internet

Your order has been entered subject to broker approval.

Market Side: Buy

Quantity: 1

Symbol: GE

Price: At the Market

Time in Force: Day Order

Estimated Commission: \$7.00

Account Number: 78451712

Account Type: CASH

Your reference number is: XXB328920031013

Any order entered after market close is good for the next business day.

Help OK

e Copyright 2000 Scottrade. All Rights Reserved.

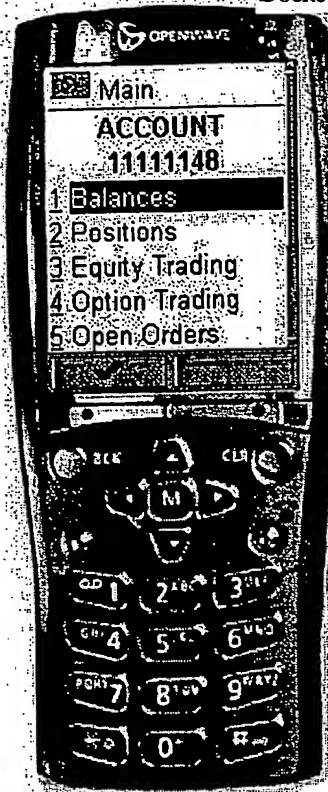


Figure 9(a)



Figure 9(b)



Figure 9(c)



Figure 9(d)



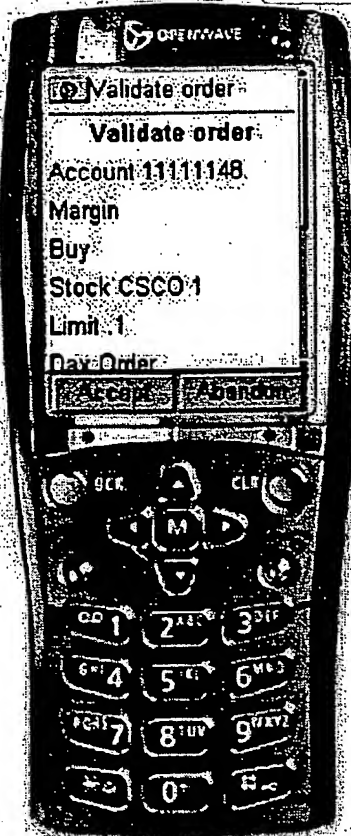


Figure 9(d)

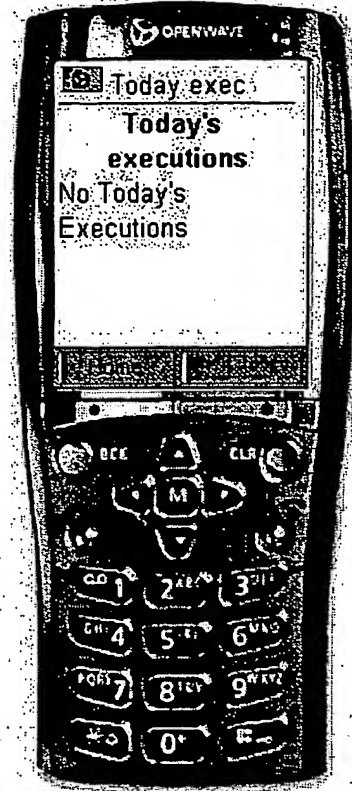


Figure 9(f)



Figure 9(g)

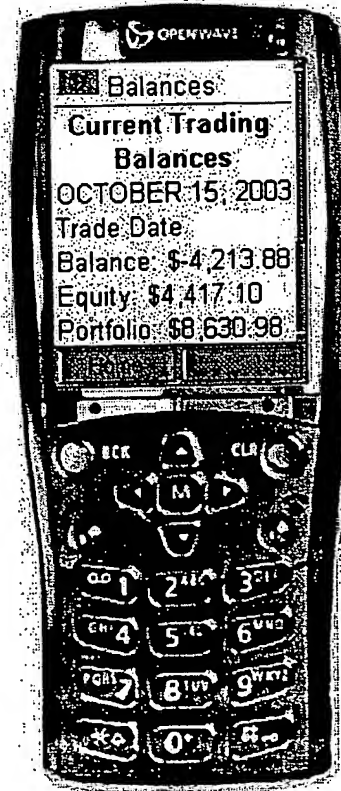


Figure 9(h)



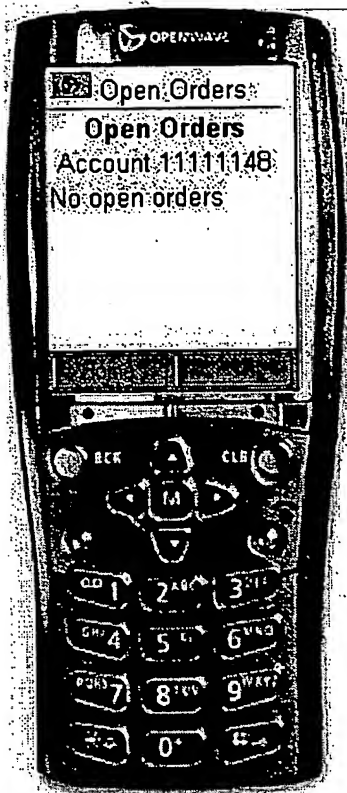


Figure 9(i)



Figure 9(j)

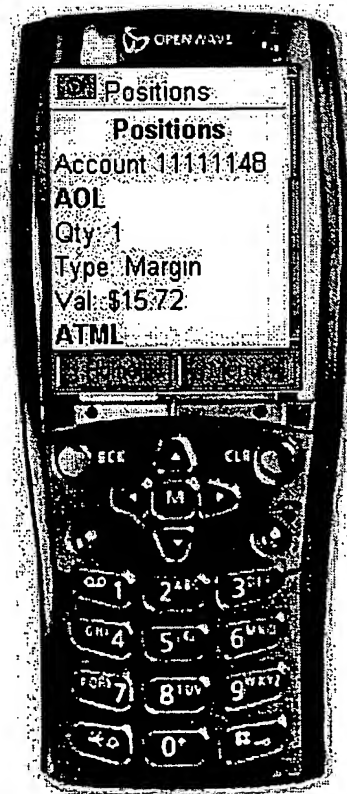


Figure 9(k)

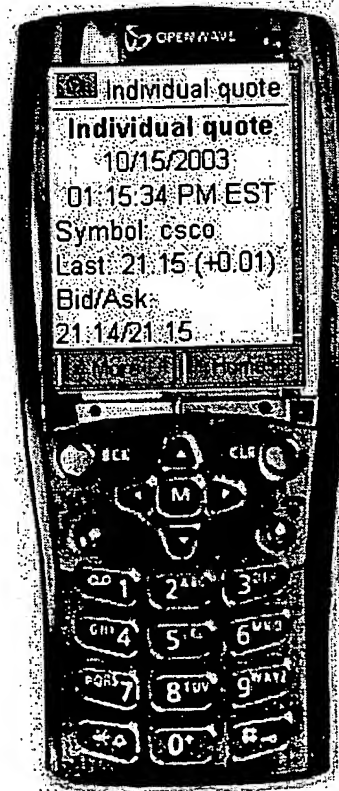


Figure 9(l)



Figure 9(m)



Figure 9(n)

Windows  
Custome  
Interface

Figure 10



Title: System And Method For The Automated  
 Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
 Express Mail No. EV328618216US  
 Docket # 36194/42366  
 21 / 39

Scottrade - Trading Admin - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home History

Address: http://trading.scottrade.com/TradingAdmin/TradingAdminFrame.asp

### Trading (mtully) Admin

☐ Indiv 
 ☐ Group 
 Approval Queue 
 Symbol Admin 
 Option Admin 
 Trading Control 
 History

Symbol Admin	
Equity Symbol (Not Option):	<input type="text"/> <input type="button" value="Lookup"/> <input type="button" value="Save"/>
Route	<input type="text"/> Normal <input type="button" value="List"/>
Buy:	<input type="radio"/> Yes <input type="radio"/> No
Sell:	<input type="radio"/> Yes <input type="radio"/> No
Sell Short:	<input type="radio"/> Yes <input type="radio"/> No <input type="button" value="Inventory Check Required"/>
Buy to Cover:	<input type="radio"/> Yes <input type="radio"/> No
Buy to Open:	<input type="radio"/> Yes <input type="radio"/> No
Buy to Close:	<input type="radio"/> Yes <input type="radio"/> No
Sell to Open:	<input type="radio"/> Yes <input type="radio"/> No
Sell to Close:	<input type="radio"/> Yes <input type="radio"/> No
Extended Hours Trading	<input type="radio"/> Yes <input type="radio"/> No
Option Chain Allowed	<input type="radio"/> Yes <input type="radio"/> No
Min Lot Size:	<input type="text"/> 1 <input type="text"/> %
Margin Requirement	<input type="text"/> 50 <input type="text"/> %
Add Disallowed Option Root or Symbol	<input type="text"/> <input type="button" value="Type"/>

Done

Figure 12(a)

Title: System And Method For The Automated Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
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 Docket # 36194/42366  
 22 / 39

Scottrade - Trading Admin - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search

Address http://trading.scottrade.com/tradingAdmin/TradingAdminFrame.asp

Trading (mtully) Admin

Indiv Group Approval Queue
Symbol Admin Option Admin Trading Control History

Search: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Disallowed Options		
#	Option Symbol	Underlying Security
1	.AAM	Root
2	.AAY	Root
3	.AFU	Root
4	.AGK	Root
5	.AHY	Root
6	.AIE	Root
7	.ADX	Root
8	.AKA	Root
9	.ANO	Root
10	.AOP	Root
11	.AOV	Root
12	.AUB	Root
13	.AUE	Root
14	.AYP	Root

figure 12(b)

Title: System And Method For The Automated Brokerage Of Financial Instruments  
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 Docket # 36194/42366  
 23 / 39

Scottrade - Trading Admin - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address http://oldadm.scottrade.com/TradingAdmin/TradingAdminFrame.asp

### Trading (mtully) Admin

Indiv Group Approval Queue Symbol Admin Option Admin Trading Control History

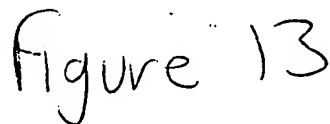
Trading Control									
Trading Type	Entry	Modify	Cancel	NYSE	Nasdaq	Amex			
*Master	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Equity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Option	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Bulletin Board	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Extended Hours	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Scottrade	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

Submit

\*Turning off Master will turn off all underlying trading entry methods even if checked

Figure 12(c)







tbl_trade_history	
account	char(8)
account_type_id	int
action_id	int
symbol	varchar(30)
quantity	numeric(15,3)
price	numeric(15,3)
trade_date	smalldatetime
settled_date	smalldatetime
trade_number	int
commission	money
principal	money
tax	money
interest	money
fees	money
description	varchar(50)
last_modified	smalldatetime

tbl_trade_type	
trade_type_id	tinyint
trade_type_description	varchar(20)

order_type_lookup	
order_type	char(1)
who_order_type	int

tbl_trading_admin_reason	
record_id	int
cmp_id	int
reason_last_refreshed	datetime

tbl_trf_type	
trf_type_id	tinyint
trf_type_description	varchar(20)

tbl_sma_history	
account	char(8)
sma_charge	money
sma_release	money
date_time	smalldatetime

tbl_source_type	
source_type_id	tinyint
source_type_description	varchar(25)

tbl_terminalid	
localhost	varchar(16)
ip	varchar(15)
port	int
terminalid	varchar(5)
seqNo	int

tbl_order_status_type	
order_status_type_id	tinyint
order_status_type_description	varchar(20)

tbl_route_type	
route_type_id	tinyint
route_type_description	varchar(25)

tbl_order_results	
web_tracking_number	varchar(15)
result_type	tinyint
result_from_type	tinyint
message	varchar(500)
time_stamp	datetime

tbl_orders	
web_tracking_number	char(15)
trf_tracking_number	char(15)
orig_web_tracking_number	char(15)
account	char(8)
branch_code	char(3)
order_status	tinyint
route_type	tinyint
account_type	tinyint
order_type	tinyint
action_type	tinyint
symbol	varchar(12)
quantity	int
quantity_filled	int
price_type	int
limit_price	money
stop_price	money
trf_type	money
trading_session_type	tinyint
exec_destination	varchar(12)
commission	varchar(10)
dr	bit
drn	bit
son	bit
ob	bit
wf	bit
tok	bit
referral_program	bit
possible_duplicate	bit
solicited	bit
minimum_quantity	int
source_type	tinyint
entry_time	datetime

tbl_orders_audit	
web_tracking_number	varchar(15)
reviewing_broker_id	int
bid	money
ask	money
net_equity	money
amount	money
open_amount	money
open_shares	money
executions	int
free_cash	money
buying_power	money
fed_call	money
trade_balance	money
market_value	money
entry_time	datetime
ip_address	varchar(16)
localhost	varchar(16)
query_string	varchar(255)
available_buying_power	money
positions_shares	int
daytrader_execution_amount	money

FK tbl\_orders\_tbl\_action

Figure 14(a)

Orders DB 1

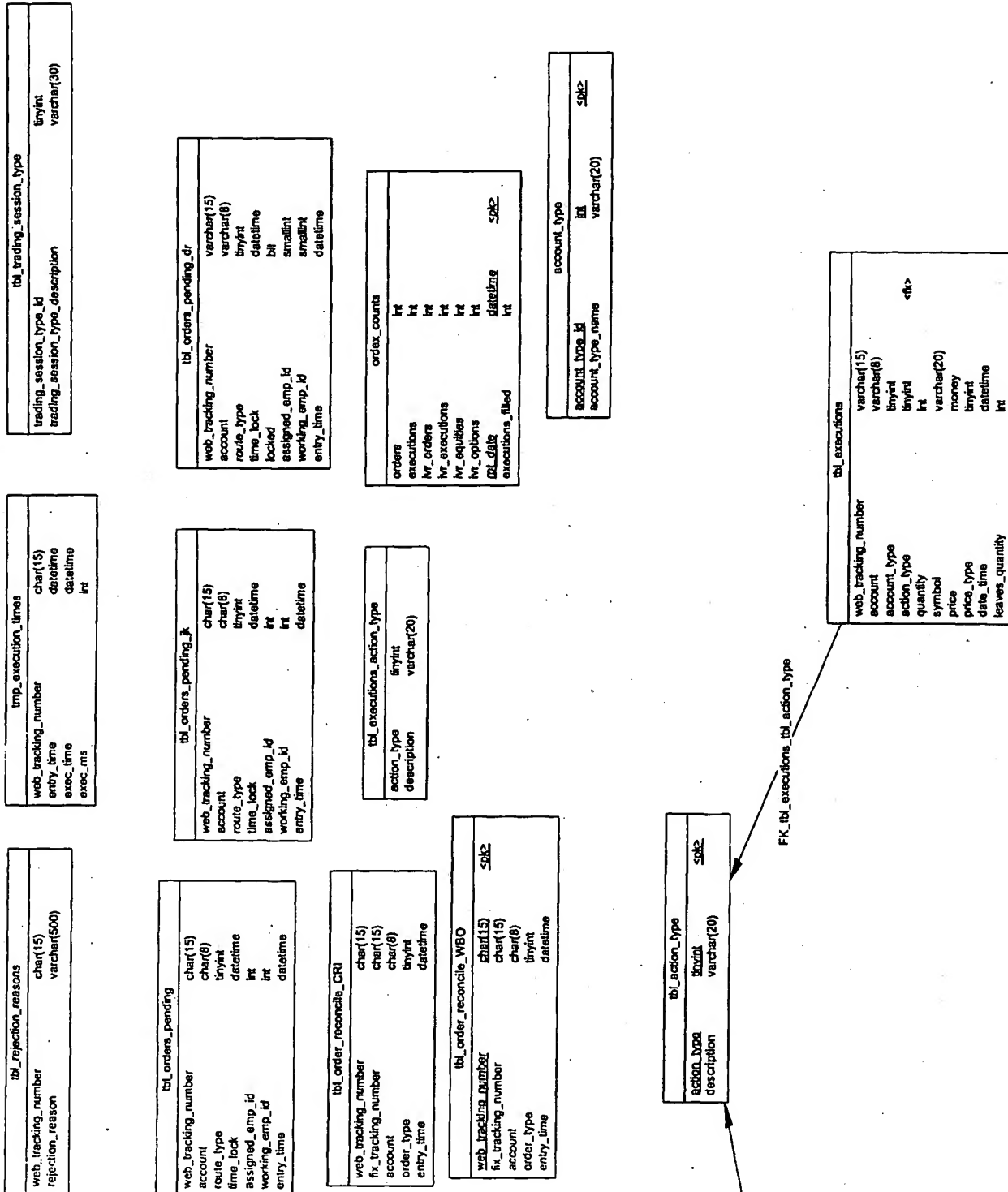


Figure 14(b)

ORDERS DB 2



tbl_messages_pending			
web_tracking_number	char(15)		
message_id	tinyint		
attempts_remaining	tinyint		
last_attempt	smalldatetime		

tbl_messages_pending_old			
web_tracking_number	char(15)		
message_id	tinyint		
attempts_remaining	tinyint		
last_attempt	smalldatetime		

tbl_fx_branches_sequence_no	
branch	char(3)
sequence_no	int

tbl_short			
cusip	char(10)		
description	varchar(60)		
symbol	varchar(10)		
total_shares_available_for_short	int		
processed_data	smalldatetime		

tbl_messages			
web_tracking_number	char(15)		
message_id	tinyint		
account	char(8)		
action_type	tinyint		
quantity	decimal(18,4)		
symbol	varchar(12)		
notification_type	tinyint		
notification_method	tinyint		
contact	varchar(64)		
price	decimal(18,4)		
strike_price	decimal(18,4)		
message	varchar(50)		
entry_time	smalldatetime		

tbl_message_history			
web_tracking_number	char(15)		
message_id	tinyint		
completed	bit		
reason	varchar(50)		
entry_time	datetime		

tbl_message_center			
message_center_id	int		
message_date	datetime		
filename	varchar(100)		
link_text	varchar(100)		

tbl_short_staging			
date	smalldatetime		
type	char(1)		
cusip	char(10)		
description	varchar(54)		
total_shares_available_for_short_text	char(12)		
total_shares_available_for_short	int		
textdate	char(8)		
symbol	varchar(10)		
negative_quantity	char(1)		

deposits			
account	char(8)		
account_type	tinyint		
trade_date	datetime		
settled_date	datetime		
deposit_amount	money		

convert_open_orders			
fx_branch	char(3)		
sis_branch	char(3)		

account_type			
account_type_id	int		
account_type_name	varchar(20)		

account_cookie			
account	char(8)		
cookie_date	datetime		
cookie	char(50)		

hr_port_type			
hr_port_type_id	int		
port_description	varchar(10)		

tbl_audit_action_type			
audit_action_type_id	int		
audit_code	char(1)		
description	varchar(50)		

hr_port			
machine	varchar(128)		
port	varchar(20)		
hr_port_type_id	int		
timeslot	varchar(20)		
debug_level	int		
debug_subsystem	int		
timestamp	timestamp		
sequence	int		

tbl_short_audit			
short_audit_id	int		
cusip	char(10)		
description	varchar(60)		
symbol	varchar(10)		
total_shares_available_for_short	int		
processed_data	smalldatetime		
audit_action_type_id	tinyint		
change_by_emp_id	int		
changed_date	datetime		

Figure 15(b)

TRADING ADMIN DB 2

Title: System And Method For The Automated  
Brokerage Of Financial Instruments  
Inventor(s): Tully et al.  
Express Mail No. EV328618216US  
Docket # 36194/42366  
29 / 39

Figure 16(a)

Scotttrade - Trading Admin - Microsoft Internet Explorer

Address: http://trading.scotttrade.com/tradingadmin/tradingadminframe.asp

### Trading (mtully) Admin

Control Group: Approval Queue (Hide) Symbol Admin Option Admin Trading Control History

Do Not Use Browser Back / Forward Buttons

☐ Disable Auto Refresh (2:2)  
(Disable Auto Refresh to enable Flush Queue option)

Emergency Flush ☐ Show ☐ Orders ☐ 15

Orders: 1 N = New Order, M = Modify Order, X = Cancel Order 10/14/2003 3:36:48 PM

Manual	Account	Market Side	Quantity	Symbol	Price	TIF	Action	Assigned	Working	Display	Done	Flush
	53822397	Sell to Open	1	AMRBM	M	Day	N	bbrect			Done	
	76631739	Sell to Open	3	BKKG	M	Day	N	bbrect			Done	

Title: System And Method For The Automated  
 Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
 Express Mail No. EV328618216US  
 Docket # 36194/42366  
 30 / 39

Figure 16

Do Not Use Browser Back / Forward Buttons

Order Approval

Reason for Rejection:

Reason for:

Done Cancel Edit

Trade Amount	Margin Buying Power	Trading Cash
1,200.00	38,652.00	-346,064.21

Account	Status	Route	Order	Action	Quantity	Symbol	Price	TP	AON	Account	Trading	Possible	Entry Time	Web Tracking	Branch
7213067	Pending	New	Sell	Open	120	QQQQ	10.15	Day	Yes	Margin	Regular	No	10/14/2003 3:40:17 PM	XXXX4020031014	100
7213067	Modify	Modify	Sell	Open	120	QQQQ	10.15	Day	Yes	Margin	Regular	No	10/14/2003 3:40:17 PM	XXXX4020031014	100

Web Tracking Number	Result Type	Result From	Message	Time Stamp
PS8815920031014	Re-route	Rules	Option Sell Call to Open	10/14/2003 3:41:34 PM

Market	Last	Change	Size	Bid	Ask	B/A Size	High	Low	Volume	IPC1830	halted	Fast Market
CEOE	-0.10	-0.05	10	-0.05	0.15	24134	231964	0.10	0.05	17323	No	No

Title: System And Method For The Automated Brokerage Of Financial Instruments  
 Inventor(s): Tully et al.  
 Express Mail No. EV328618216US  
 Docket # 36194/42366  
 31 / 39

figure 16(c)

Scottrade - Trading Admin - Microsoft Internet Explorer

Address: http://trading.scottrade.com/TradingAdminFrame.asp

### Trading (mtully) Admin

☒ Indiv  
 ☐ Group  
 Approval Queue  
 Symbol Admin  
 Option Admin  
 Trading Control  
 History

Account: 78451712  
 Symbol:  
 Tracking #:

Start Date: 10/13/2003 10:59 AM  
 End Date: 10/14/2003 11:59 PM

☒ Web  
 ☒ IVR  
 ☒ Scottrade  
 ☒ Scottrade Bldg  
 ☒ Wireless  
 ☒ Approval

☐ Fax  
 ☐ Manual  
 ☐ Approval  
 ☐ Queued  
 ☐ Rejected  
 ☐ Messages

#	Action	Source/Route	Qty	Symbol	Price	TIF	Account	Date	Tracking #	Ong Track #
1	New	Wireless/Fx	1	EMC	L3	Dev	78451712	10/14/2003 3:30:00 PM	XDA513220031014	
2	Cancel	Approval/Fx	1	CE	M	Dev	78451712	10/14/2003 3:47:12 AM	XDA113020031014	XXB128920031013
3	Cancel	Web/Approval	1	CE	M	Dev	78451712	10/14/2003 3:47:04 AM	PS633020031014	XXB128920031013
4	New	Web/Fx	1	CE	M	Dev	78451712	10/13/2003 5:57:38 PM	XCB328920031013	
5	New	Elite/Fx	1	RTRSY	L3	Dev	78451712	10/13/2003 5:12:16 PM	XAB786120031013	
6	New	Elite/None	1	RTRSY	M	Dev	78451712	10/13/2003 5:11:50 PM	EST28920031013	
7	New	Elite/None	1	RTRSY	M	Dev	78451712	10/13/2003 5:11:48 PM	ES63120031013	
8	New	Elite/Fx	1	MSET	L3	Dev	78451712	10/13/2003 5:02:38 PM	XLA242520031013	

Figure 17:

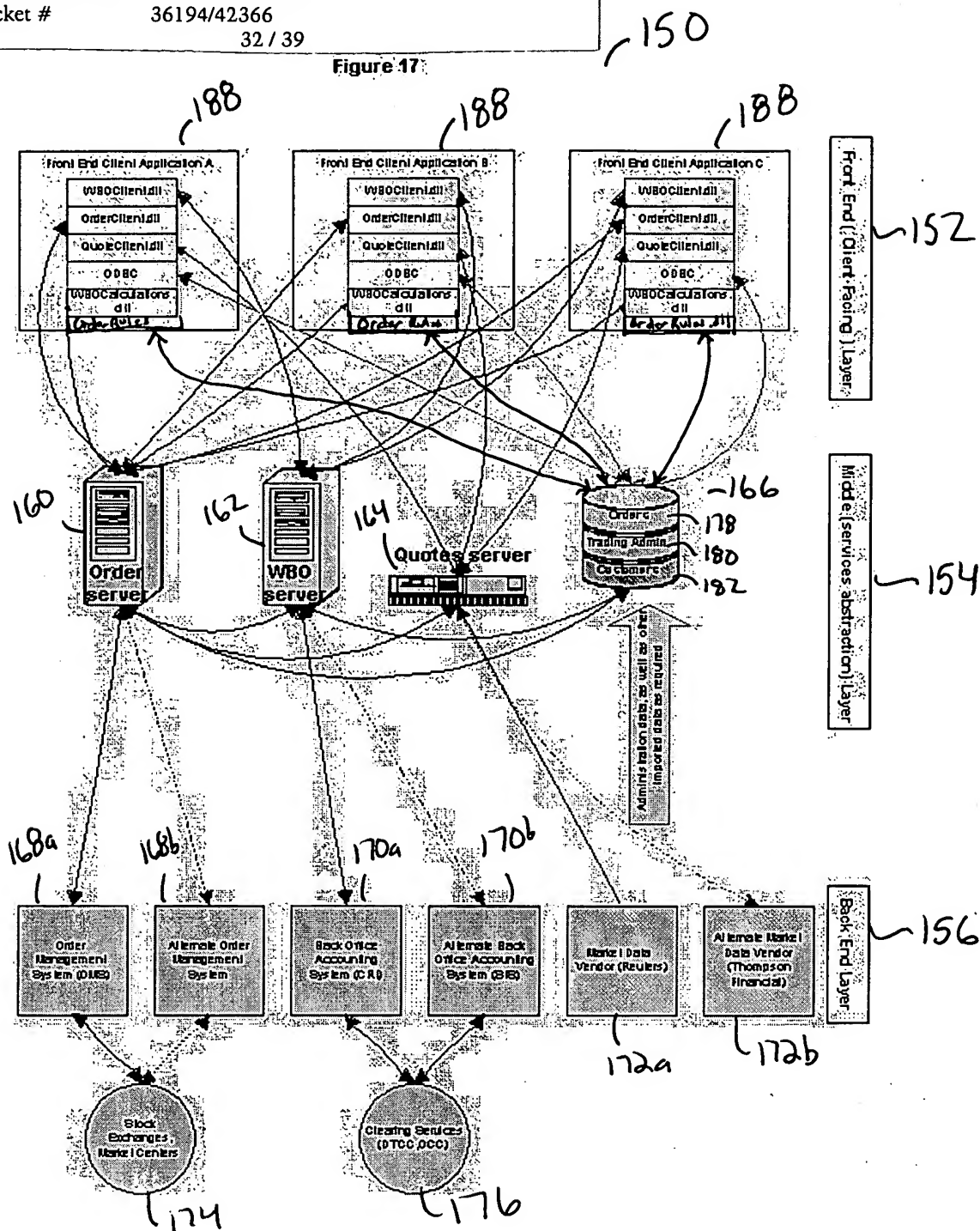
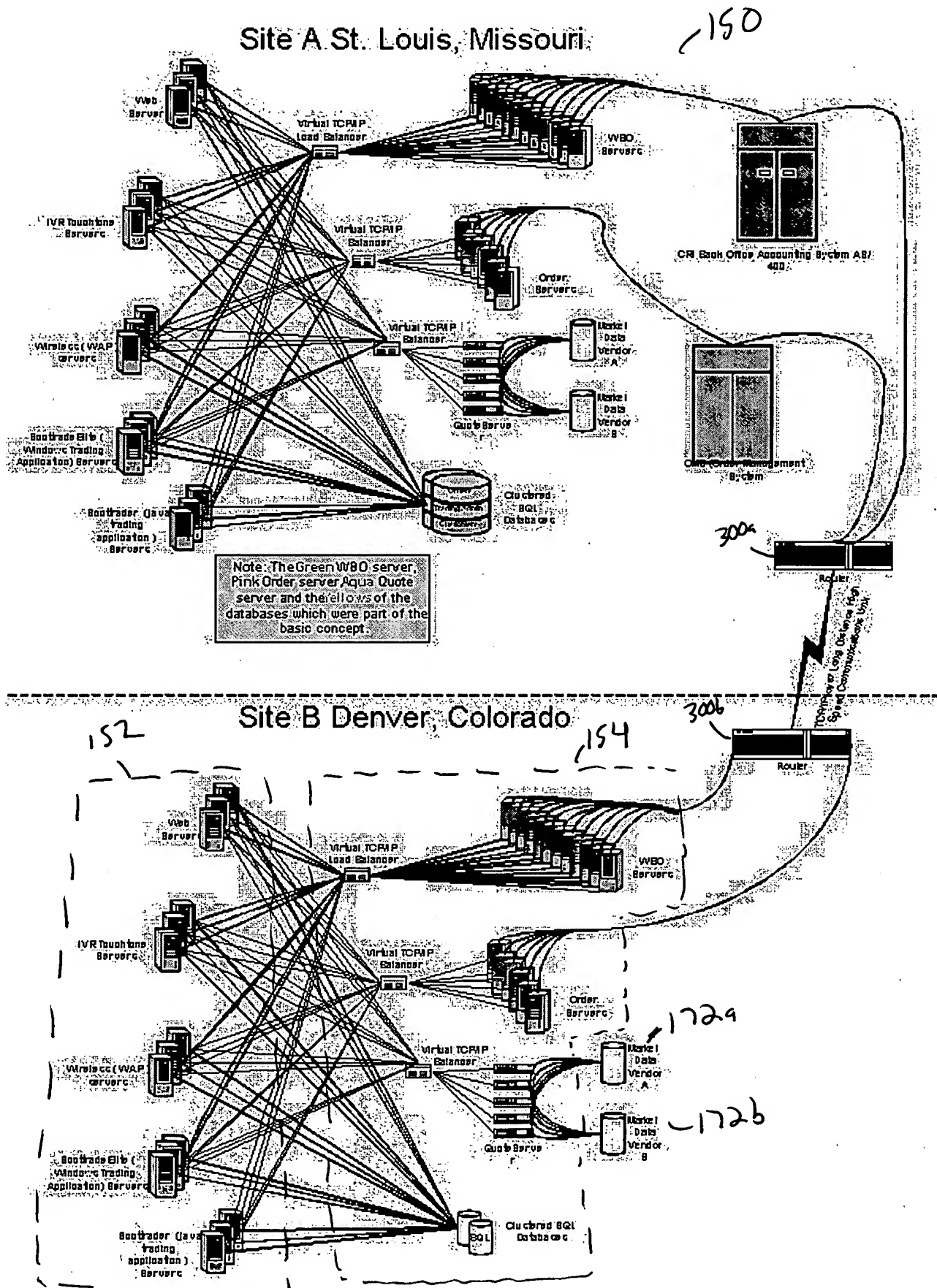




Figure 18: Multi-Site DR



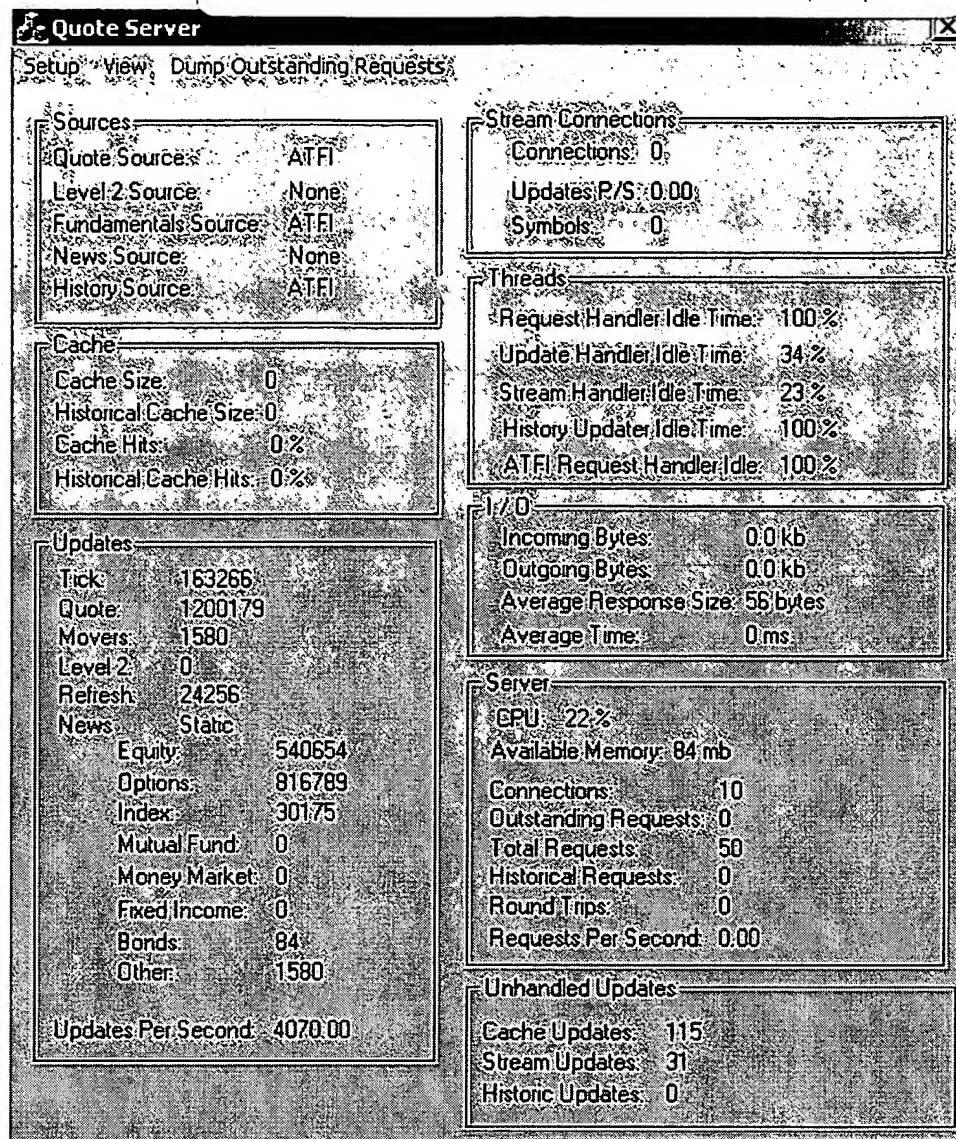


Figure 19(a)

**Configure**

Quote Source: ATFI  ☒ Cache ☒ Cache Movers

Level2 Source: ATFI

Fundamentals Source: ATFI

News Source: None

History Source: ATFI  ☒ Cache

**General**

Request Handler Threads: 30

Update Handler Threads: 20

Stream Update Threads: 20

History Update Threads: 10

Security Cache Expiration: 3600 Option Chain Expiration: 3600

Movers Cache Expiration: 30 Company Data Expiration: 1800

**ATFI**

Ip: ATFI5  MDS Connections: 1

Request Handler Threads: 12   DBM Connections: 11

**Server**

Socket Server: Async

Max Connections: 100

**Reuters**

Ip:

Figure 19(b)

**Configure**

Quote Source:   ☒ Cache ☒ Cache Movers

Level2 Source:

Fundamentals Source:

News Source:

History Source:   ☒ Cache

**General**

Request Handler Threads:

Update Handler Threads:

Stream Update Threads:

History Update Threads:

Security Cache Expiration:  Option Chain Expiration:

Movers Cache Expiration:  Company Data Expiration:

**ATFI**

Ip:   MDS Connections:

Request Handler Threads:    DBM Connections:

**Server**

Socket Server:

Max Connections:

**Reuters**

Ip:

Figure 19(c)



**Configure**

Quote Source:   ☒ Cache ☒ Cache Movers

Level2 Source:

Fundamentals Source:

News Source:

History Source:   ☒ Cache

**General**

Request Handler Threads:

Update Handler Threads:

Stream Update Threads:

History Update Threads:

Security Cache Expiration:  Option Chain Expiration:

Movers Cache Expiration:  Company Data Expiration:

**ATFI**

Ip:   MDS Connections:

Request Handler Threads:    DBM Connections:

**Server**

Socket Server:

Max Connections:

**Reuters**

Ip:

Figure 19(d)

**Configure**

Quote Source:   ☒ Cache ☒ Cache Movers

Level2 Source:

Fundamentals Source:

News Source:

History Source:   ☒ Cache

**General**

Request Handler Threads:

Update Handler Threads:

Stream Update Threads:

History Update Threads:

Security Cache Expiration:  Option Chain Expiration:

Movers Cache Expiration:  Company Data Expiration:

**ATFI**

Ip:   MDS Connections:

Request Handler Threads:    DBM Connections:

**Server**

Socket Server:

Max Connections:

**Reuters**

Ip:

Figure 19(e)

**Configure**

Quote Source:   ☒ Cache ☒ Cache Movers

Level2 Source:

Fundamentals Source:

News Source:

History Source:   ☒ Cache

**General**

Request Handler:

Update Handler Threads:

Stream Update Threads:

History Update Threads:

Security Cache Expiration:  Option Chain Expiration:

Movers Cache Expiration:  Company Data Expiration:

**ATFI**

Ip:   MDS Connections:

Request Handler Threads:    DBM Connections:

**Server**

Socket Server:

Max Connections:

**Reuters**

Ip:

Figure 19(f)